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Control Board

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Regional Water Quality
Control Board,
Central Valley Region

**Karl Longley ScD,
P.E., Chair**

Public Notice –
No Further Action
Determination

PUBLIC NOTICE

**California Resources Production Corporation
TAD Lease, Dutch Slough Gas Field**

Oakley, CA

Public Notice: The California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) invites public comment on a request for a no further action determination (NFA) made on behalf of the California Resources Production Corporation (CRPC) following removal actions recently completed at three former natural gas well pads near the Dutch Slough in Oakley, Contra Costa County CA (Site).

This Public Notice fact sheet provides general information on the Site. The location of the Site is shown on Figure 1 on page 3.

**PUBLIC COMMENT PERIOD: 29 September 2021 –
29 October 2021**

CASE SUMMARY:

The Site includes three well pads identified as TA Development (TAD) sites 3 through 5 and is bounded by Jersey Island Road to the west, East Cypress Road to the south, Bethel Island Road to the east, and Dutch Slough Road to the north. The area surrounding the Site consists of vacant grass fields and pastures currently used for livestock grazing. CRPC previously used TAD sites 3 through 5 for natural gas production activities.

Two environmental investigations were conducted in 2020 and included the collection of soil, groundwater, and soil gas samples. Constituents detected above screening levels in these samples primarily included Total Petroleum Hydrocarbons (TPH) as gasoline and TPH as diesel. Other TPH-related constituents, such as benzene and naphthalene, were also detected above their respective screening levels at a few locations.

CRPC excavated soil and extracted groundwater containing TPH concentrations greater than the remedial goals of 100 mg/kg for soil and 100 µg/L for groundwater. A total of approximately 2,000 cubic yards of soil was excavated from the Site and disposed of at a licensed disposal facility. The largest excavation area was approximately 45 feet by 60 feet. Additionally, approximately 49,500 gallons of groundwater were extracted from the two dewatering areas at the Site. Extracted groundwater was temporarily stored in a tank on Site, then off-hauled and disposed of at an off-site facility.

Confirmation soil, groundwater and soil gas samples were collected from locations within and adjacent to the removal areas following completion of the soil excavation and groundwater extraction. Confirmation samples showed that TPH impacted material was removed and residual concentrations were below the remedial goals. Elevated concentrations of oxygen were observed in confirmation soil gas samples indicating the presence of a bioattenuation zone that supports the breakdown of TPH and TPH-related compounds. As a result, residual TPH and TPH-related compounds that may be present in the subsurface (below their respective remedial goals) are anticipated to continue to degrade over time.

Following the removal of impacted soil and groundwater and after confirmation sampling was completed, the excavation areas were backfilled with approximately 2,000 tons of unimpacted, import fill material and the Site was generally restored to original conditions.

CRPC requested no further action associated with the Site in a Removal Action Completion Report dated 2 September 2021. Residual concentrations are below the remedial goals. The remaining TPH from the Site does not pose a risk to human health or the environment. Central Valley Water Board staff reviewed the request and based on the data compiled to date, believes there is merit to the request.

WHERE DO I GET MORE INFORMATION?

Historical reports and the request for project closeout can be viewed by accessing the State Water Resources Control Board's GeoTracker respective website at:

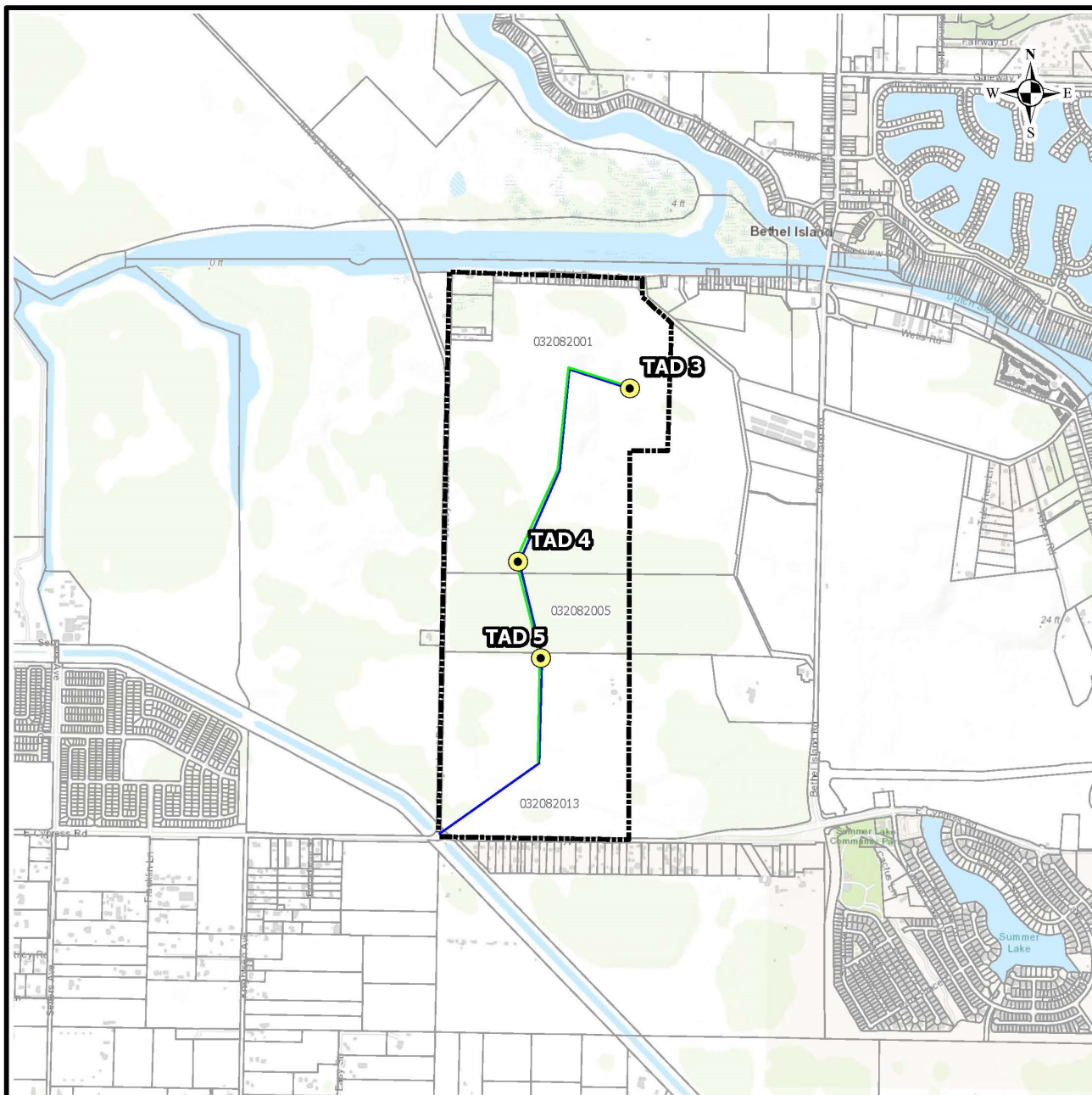
https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000016846

The case file for the Site is also available for review at the Central Valley Water Board office located at 11020 Sun Center Drive, Suite 200, Rancho Cordova, CA 95670. To make an appointment for a file review, please call (916) 464-4651.

HOW DO I PARTICIPATE?

Any interested individual can learn more about the case by contacting Ms. Amy Ha with the Central Valley Water Board. Written comments regarding concerns or issues on the planned regulatory closure for the Site must be submitted to Amy Ha at the Central Valley Water Board by **29 October 2021**.

Ms. Amy Ha
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670
(916) 464-4682
Amy.Ha@waterboards.ca.gov



Legend

- TAD Location
- TAD Lease Boundary
- Utility Path 1
- Utility Path 2

Notes:
 1. World topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online © 2011 National Geographic Society, i-cubed.
 2. All features shown are approximate.

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 SCALE IN FEET

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Langan Engineering & Environmental Services, Inc.
 Langan Engineering, Environmental, Surveying and
 Landscape Architecture, D.P.C.
 Langan International, LLC

Collectively known as Langan

Project

**DUTCH SLOUGH
 GAS WELLS**
 OAKLEY

CONTRA COSTA
 COUNTY CALIFORNIA

Drawing Title

**SITE
 LOCATION MAP**

Project No.
750665100

Date
12/7/2020

Scale
1"=2,000'

Drawn By
OG

Figure

1

Path: \\langan.com\data\Oakdata\750665101\Project Data\ArcGIS\MXD\Environmental_Figures\2020-04 Proposal\Site Location Map.mxd Date: 12/7/2020 User: jenzminger Time: 4:03:08 PM

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